



**IEEE**

**Ottawa  
Section**



*The IEEE Ottawa Communications Society, Broadcast Technology Society, and Consumer Electronics Society (ComSoc / BTS / CES) Joint Chapter, The IEEE Ottawa Reliability Society Chapter (RS), and Algonquin College Student Branch (ACSB), and IEEE Ottawa Section (OS) are inviting all interested IEEE members and other engineers, technologists, and students to a technical seminar on*

**- Location Based Management of Optical Networks for Next Generation Disaster Recovery Networking Solutions with WDM Systems. - Cloud Computing and Security**

by

**Mr. Andrew MacKay,  
Chief Technology Officer of Superna**

**DATE:** October 6, 2010.

**TIME:** Refreshments, Registration and Networking: 06:30 p.m.; Seminar: 07:00 p.m. – 08:00 p.m.

**PLACE:** Algonquin College, [1385 Woodroffe Ave.](#), [School of Advanced Technology, Building-T](#), Room T334

**PARKING:** No fee after 5:00 p.m. at the Visitors' Parking Lots 8 & 9. Please respect restricted areas.

**Admission:** Free. Registration required. To ensure a seat, please register by e-mail contacting:

Wahab Almuhtadi [almuhtadi@ieee.org](mailto:almuhtadi@ieee.org).

**Abstract**

Data center's are the heart of Enterprise IT and Internet based Cloud computing services and Optical networks are the arteries that connect them. This session will cover the latest trends in data center optical network including disaster recovery, security, protocols and future architectures to enable on demand computing over flexible Optical networks and the technology requirements to make the transition.

**Speaker's Bio**

**Andrew MacKay** is Chief Technology Officer of Superna, a software development specialist in geospatial network management solutions for Carrier and enterprise networks. With over 19 years in the industry, he's an experienced leader and innovator in all aspects of Enterprise and Telecom technologies with unique expertise in security, network management, virtualization, cloud computing and BC/DR for both Enterprise and Telecom networks. During his various roles of architect, Optical product manager, strategic planning, technology evaluation and product management he was responsible for presenting the companies vision for data center networking to customers around the globe. He worked in various divisions at Nortel most recently leading activities in storage networking, Enterprise strategic planning, speaker at Industry trade shows, key contributor to T.11 ANSI Fibre channel standards, introduced the first fibre channel over Ethernet product, with later contributions resulting in granted patents around security, and WAN optimization solutions.